Amendments to the Claims

1.   **(Currently Amended)** A method of transporting bifurcated voice and signaling data over a network, comprising the steps of:

identifying <u>at a subscriber device</u>, for each communication link to be established, respective signaling data and voice data; and

transmitting <u>from the subscriber device</u> said signaling data via a first network and said voice data via a second network, wherein the first network is different from the second network.

2.   **(Previously Presented)** The method of claim 1, wherein said first network is a wireless network.

3.   **(Previously Presented)** The method of claim 1, wherein said second network is a data packet network.

4.   **(Original)** The method of claim 1, further comprising the steps of:
communicating said signaling data to a switch.

5.   **(Original)** The method of claim 1, further comprising:
communicating said voice data to a switch.

6.   **(Original)** The method of claim 3, wherein said voice data is subject to compression processing compatible with a wireless network.

7.   **(Previously Presented)** The method of claim 4, wherein said step of communicating is made via a base station system.

8.   **(Currently Amended)** The method of claim 5, wherein said step of communicating is made via a ~~switch~~ <u>means</u> adapted to perform packet to circuit switched conversion and vice versa.

9.   **(Original)** The method of claim 1, wherein said steps of identifying and transmitting are performed via a Media Terminal Adapter-Cellular Transceiver (MTA-CT) having integrated MTA and CT portions.

10.   **(Original)** The method of claim 1, wherein said steps of identifying and transmitting are performed via a Media Terminal Adapter-Cellular Transceiver (MTA-CT) having non-integrated MTA and CT portions.

11.   **(Currently Amended)** In a communication system for transporting bifurcated voice and signaling traffic over a network, a method comprising the steps of:

      segregating <u>at a subscriber device</u> signaling traffic and related voice traffic including information useful in establishing a communications link for transporting said voice traffic between a calling party and a called party; and

      transmitting <u>from the subscriber device</u> said voice traffic via said communications link established by a controller, said voice traffic and said signaling traffic being carried via different communication networks.

12.   **(Previously Presented)** The method of claim 11, wherein one of said communication networks is a data packet network.

13.   **(Original)** The method of claim 12, wherein said voice traffic is carried by said data packet network.

14.   **(Original)** The method of claim 13, wherein said voice traffic is subject to compression processing compatible with a wireless network.

15.   **(Previously Presented)** The method of claim 11, wherein one of said communication networks is a wireless network

16.   **(Original)** The method of claim 15 wherein said signaling traffic is carried by said wireless network.

17.   **(Original)** The method of claim 11, wherein said controller is a switch.

18.   **(Original)** The method of claim 11, wherein said signaling traffic is transmitted to said controller via a base station system.

19.   **(Currently Amended)** The method of claim 11, wherein said voice traffic is communicated to said controller via a ~~switch~~ means adapted to perform packet to circuit switched conversion and vice versa.

20.   **(Original)** The method of claim 11, wherein said steps of segregating and transmitting are performed via a Media Terminal Adapter-Cellular Transceiver (MTA-CT) having integrated MTA and CT portions.

21.   **(Original)** The method of claim 11, wherein said steps of segregating and transmitting are performed via a Media Terminal Adapter-Cellular Transceiver (MTA-CT) having non-integrated MTA and CT portions.

22.   **(Previously Presented)** The method of claim 11 further comprising the step of:
        switching the voice traffic to the same communication network as the signaling traffic when loss of local power is detected.

23.   **(Currently Amended)** In a communication system for transporting bifurcated voice and signaling traffic between a calling party and called party, a method comprising the steps of:

identifying <u>at a subscriber device</u> a call request;

establishing a signaling link <u>from the subscriber device</u> to a switch via a first transport network and

establishing a voice path <u>from the subscriber device</u> to said switch via a second transport network responsive to a determination that said called party answers, said first transport network being different from said second transport network.

24.   **(Previously Presented)** The method of claim 23, wherein said first network is a wireless network.

25.   **(Previously Presented)** The method of claim 24, wherein signaling traffic is transmitted over said wireless network.

26.   **(Previously Presented)** The method of claim 23, wherein said second network is a data packet network.

27.   **(Previously Presented)** The method of claim 26, wherein voice traffic is communicated over said data packet network.

28.   **(Previously Presented)** The method of claim 27, wherein said voice traffic is subject to compression processing compatible with a wireless network.

29.   **(Previously Presented)** The method of claim 23 further comprising the step of:

switching the voice traffic to the same network as the signaling traffic when loss of local power is detected.

30.　**(Original)** The method of claim 23, wherein said steps of identifying and said first and second steps of establishing are performed via a Media Terminal Adapter-Cellular Transceiver (MTA-CT) having integrated MTA and CT portions.

31.　**(Original)** The method of claim 23, wherein said steps of identifying and said first and second steps of establishing are performed via a Media Terminal Adapter-Cellular Transceiver (MTA-CT) having non-integrated MTA and CT portions.

32.　**(Currently Amended)** A communications system comprising:

a <u>subscriber</u> device for providing bifurcated voice and signaling traffic over a network; and

a switch <u>means</u> for converting data packets to circuit switched traffic and vice versa.

33.　**(Original)** The communications system of claim 32, wherein said device is a Media Terminal Adapter-Cellular Transceiver (MTA-CT) having non-integrated MTA and CT portions.

34.　**(Original)** The communications system of claim 32, wherein said device is a Media Terminal Adapter-Cellular Transceiver (MTA-CT) having integrated MTA and CT portions.

35.　**(Currently Amended)** A computer readable medium storing a software program, that when executed by a computer, causes the computer to perform a method comprising:

segregating <u>at a subscriber device</u> signaling traffic and related voice traffic including information useful in establishing a communications link for transporting said voice traffic between a calling party and called party; and

transmitting from the subscriber device said voice traffic via said communications link established by a controller, said voice traffic and said signaling traffic being carried via different communication networks.

36.   (Original) The computer readable medium of claim 35, wherein said controller is a switch.

37.   (Original) The computer readable medium of claim 35, wherein said signaling traffic is communicated via a wireless network.

38.   (Original) The computer readable medium of claim 35, wherein said voice traffic is communicated via a data packet network.

39.   (Original) The computer readable medium of claim 38, wherein said voice traffic is subject to compression processing compatible with a wireless network.